



Cellular pathology audit template

Date of completion	(To be inserted when completed)
Name of lead author/ participants	(To be inserted)
Specialty	Cellular pathology/ENT
Title	An audit of histopathological reporting of carcinomas of the oropharynx and nasopharynx
Background	<p>The histopathological examination of carcinomas of the oropharynx specimen can play a vital role in the management of carcinomas.</p> <p>In 2021, the <i>Dataset for the histopathological reporting of carcinomas of the oropharynx and nasopharynx (1st edition)</i> was published, which states the data items to be included when reporting resection specimens of the carcinomas.</p>
Aim & objectives	<p>To determine whether the histopathological reports of carcinomas of the oropharynx and nasopharynx meet the reasonable requirements of users:</p> <ul style="list-style-type: none">• the core data items defined in the dataset are included in histology reports• reports are produced in a timely manner• where more than one consultant reports these cases, there is an ensured degree of consistency in reporting of data items.
Standards & criteria	<p>Criteria range: 100% or, if not achieved, there is documentation in the case notes that explains the variance.</p> <ol style="list-style-type: none">1. Each core data item stated in the dataset for inclusion in histology reports of oropharynx and nasopharynx should be present in the final pathology report.2. To monitor the availability of key information for patient management, the p16 expression status and an HPV-specific test should be recorded for all oropharyngeal carcinomas.



Method	<p>Sample selection</p> <ul style="list-style-type: none"> • Retrospective selection of all cases for a specified time period. • Review of histology resection reports. • Record whether the core data items are/are not included. • Record turnaround time for reports (calendar days). <p>Analyse results for:</p> <ul style="list-style-type: none"> • all consultants reporting oropharynx and nasopharynx cancer cases • individual consultants. <p>Data to be collected on proforma (see below).</p>																																																						
Results	<p>(To be completed by the author)</p> <p>The results of this audit show the following compliance with the standards.</p> <table border="1"> <thead> <tr> <th>Data items</th> <th>% compliance</th> <th>% compliance</th> </tr> </thead> <tbody> <tr><td>Neoadjuvant therapy</td><td></td><td></td></tr> <tr><td>Operative procedure</td><td></td><td></td></tr> <tr><td>Specimens submitted</td><td></td><td></td></tr> <tr><td>Tumour site</td><td></td><td></td></tr> <tr><td>Tumour dimensions</td><td></td><td></td></tr> <tr><td>Histological tumour type</td><td></td><td></td></tr> <tr><td>Carcinomas of the oropharynx</td><td></td><td></td></tr> <tr><td>Carcinomas of the nasopharynx</td><td></td><td></td></tr> <tr><td>Histological tumour grade</td><td></td><td></td></tr> <tr><td>Depth of invasion</td><td></td><td></td></tr> <tr><td>Perineural invasion</td><td></td><td></td></tr> <tr><td>Lymphovascular invasion</td><td></td><td></td></tr> <tr><td>Margin status – invasive carcinoma</td><td></td><td></td></tr> <tr><td>Margin status – in situ carcinoma</td><td></td><td></td></tr> <tr><td>Co-existent pathology</td><td></td><td></td></tr> <tr><td>Ancillary studies (p16/HPV specific test, oropharynx only)</td><td></td><td></td></tr> <tr><td>Pathological staging</td><td></td><td></td></tr> </tbody> </table> <p>Commentary:</p>	Data items	% compliance	% compliance	Neoadjuvant therapy			Operative procedure			Specimens submitted			Tumour site			Tumour dimensions			Histological tumour type			Carcinomas of the oropharynx			Carcinomas of the nasopharynx			Histological tumour grade			Depth of invasion			Perineural invasion			Lymphovascular invasion			Margin status – invasive carcinoma			Margin status – in situ carcinoma			Co-existent pathology			Ancillary studies (p16/HPV specific test, oropharynx only)			Pathological staging		
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Conclusion	<p>(To be completed by the author)</p>																																																						

Recommendations for improvement	<p>Present the result with recommendations, actions, and responsibilities for action and a timescale for implementation. Assign a person(s) responsible to do the work within a time frame.</p> <p>Some suggestions:</p> <ul style="list-style-type: none"> • highlight areas of practice that are different • present findings.
Action plan	(To be completed by the author – see attached action plan proforma)
Re-audit date	(To be completed by the author)
Reference	<p>Hunter K, Helliwell T, Sandison A, Robinson M, Thomas G. <i>Dataset for the Histopathological Reporting of Carcinomas of the Oropharynx and Nasopharynx (1st edition)</i>. London, UK: The Royal College of Pathologists, 2021.</p> <p>https://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html</p>

Data collection proforma for the audit of histopathological reporting of carcinomas of the oropharynx and nasopharynx

Audit reviewing practice

Patient name:

Hospital number:

Date of birth:

Consultant:

	1 Yes	2 No	3 If no, was there documentation to explain the variance? Yes/No plus free-text comment	4 Compliant with guideline based on Yes from column 1 or an appropriate explanation from column 3. Yes/No
1 Neoadjuvant therapy				
2 Operative procedure				
3 Specimens submitted				
4 Tumour site				
5 Tumour dimensions				
6 Histological tumour type				
7 Carcinomas of the oropharynx				
8 Carcinomas of the nasopharynx				
9 Histological tumour grade				
10 Depth of invasion				
11 Perineural invasion				
12 Lymphovascular invasion				
13 Margin status – invasive carcinoma				
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